

To: Thomas, Carrie[Thomas.Carrie@epa.gov]; Watson, Lucinda[Watson.Lucinda@epa.gov]; Snyder, Erik[snyder.erik@epa.gov]; Nwankwo, Adaobi[Nwankwo.Adaobi@epa.gov]
Cc: Huser, Jennifer[huser.jennifer@epa.gov]; Smith, Suzanne[Smith.Suzanne@epa.gov]; Kordzi, Joe[kordzi.joe@epa.gov]
From: Feldman, Michael
Sent: Fri 4/14/2017 4:33:40 PM
Subject: RE: LA RH CALPUFF TSD
[CAMx Modeling TSD.pdf](#)
[CALPUFF Modeling TSD.pdf](#)

It is most likely getting signed on Monday. Sam is out today.

Attached are the final versions of the TSDs. Thank you for your help reviewing them.

All docket materials are finalized and on a separate folder on my computer. I will upload everything to the H: drive when I get in to the office on Monday.

From: Thomas, Carrie
Sent: Thursday, April 13, 2017 4:07 PM
To: Watson, Lucinda <Watson.Lucinda@epa.gov>; Snyder, Erik <snyder.erik@epa.gov>; Feldman, Michael <Feldman.Michael@epa.gov>; Nwankwo, Adaobi <Nwankwo.Adaobi@epa.gov>
Cc: Huser, Jennifer <Huser.Jennifer@epa.gov>; Smith, Suzanne <Smith.Suzanne@epa.gov>
Subject: RE: LA RH CALPUFF TSD

I don't think it's getting signed today. It's stuck in XA. Thanks for all of your and Adaobi's work on the TSDs, though.

Carrie K. Thomas
Office of Regional Counsel
U.S. Environmental Protection Agency, Region 6
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From: Watson, Lucinda
Sent: Thursday, April 13, 2017 3:42 PM
To: Snyder, Erik <snyder.erik@epa.gov>; Thomas, Carrie <Thomas.Carrie@epa.gov>; Feldman, Michael <Feldman.Michael@epa.gov>; Nwankwo, Adaobi <Nwankwo.Adaobi@epa.gov>
Cc: Huser, Jennifer <Huser.Jennifer@epa.gov>; Smith, Suzanne <Smith.Suzanne@epa.gov>
Subject: RE: LA RH CALPUFF TSD

Thanks everyone. Very happy not to be editing at 11 tonight. Any news if FRN signed today?

From: Snyder, Erik
Sent: Thursday, April 13, 2017 3:28 PM
To: Watson, Lucinda <Watson.Lucinda@epa.gov>; Thomas, Carrie <Thomas.Carrie@epa.gov>; Feldman, Michael <Feldman.Michael@epa.gov>; Nwankwo, Adaobi <Nwankwo.Adaobi@epa.gov>
Cc: Huser, Jennifer <Huser.Jennifer@epa.gov>; Smith, Suzanne <Smith.Suzanne@epa.gov>
Subject: RE: LA RH CALPUFF TSD

You'll be prepped to help out on ozone as well. TCEQ started using them in their ozone work about 14 years ago.

I am done with CALPUFF and CAMx TSDs. Michael needs to review a few edits and then it should just be formatting issues.

-Erik

Erik Snyder

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From: Watson, Lucinda
Sent: Thursday, April 13, 2017 12:13 PM
To: Thomas, Carrie <Thomas.Carrie@epa.gov>; Feldman, Michael <Feldman.Michael@epa.gov>; Snyder, Erik <snyder.erik@epa.gov>; Nwankwo, Adaobi <Nwankwo.Adaobi@epa.gov>
Cc: Huser, Jennifer <Huser.Jennifer@epa.gov>; Smith, Suzanne <Smith.Suzanne@epa.gov>
Subject: RE: LA RH CALPUFF TSD

Very impressed. Means next time around, I have no need to review your lead projects' modeling TSDs!

From: Thomas, Carrie
Sent: Thursday, April 13, 2017 12:11 PM
To: Feldman, Michael <Feldman.Michael@epa.gov>; Watson, Lucinda <Watson.Lucinda@epa.gov>; Snyder, Erik <snyder.erik@epa.gov>; Nwankwo, Adaobi <Nwankwo.Adaobi@epa.gov>
Cc: Huser, Jennifer <Huser.Jennifer@epa.gov>
Subject: RE: LA RH CALPUFF TSD

Hahaha! I went to the website you provided and did a word search for "soccer plots" and then copy and pasted what I found. But thanks to yours and Erik's clear explanations, I am learning 😊

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From: Feldman, Michael
Sent: Thursday, April 13, 2017 12:09 PM
To: Watson, Lucinda <Watson.Lucinda@epa.gov>; Thomas, Carrie <Thomas.Carrie@epa.gov>; Snyder, Erik <snyder.erik@epa.gov>; Nwankwo, Adaobi <Nwankwo.Adaobi@epa.gov>
Cc: Huser, Jennifer <Huser.Jennifer@epa.gov>
Subject: RE: LA RH CALPUFF TSD

Carrie added the footnote on soccer plots. Don't let her tell you she doesn't know modeling.

From: Watson, Lucinda
Sent: Thursday, April 13, 2017 11:03 AM
To: Thomas, Carrie <Thomas.Carrie@epa.gov>; Feldman, Michael <Feldman.Michael@epa.gov>; Snyder, Erik <snyder.erik@epa.gov>; Nwankwo, Adaobi <Nwankwo.Adaobi@epa.gov>
Cc: Huser, Jennifer <Huser.Jennifer@epa.gov>
Subject: RE: LA RH CALPUFF TSD

CAMx is looking better but Jennifer, would you mind helping us finish this one please so we are not having to work late tonight?

Michael/Erik, realized I did not review the Texas modeling TSDs, which explains why I have comments. M – thanks for inserting the footnote about soccer goal posts. I learn something new every time I review a modeling document.

From: Thomas, Carrie
Sent: Wednesday, April 12, 2017 9:29 PM
To: Feldman, Michael <Feldman.Michael@epa.gov>; Watson, Lucinda <Watson.Lucinda@epa.gov>; Snyder, Erik <snyder.erik@epa.gov>; Nwankwo, Adaobi <Nwankwo.Adaobi@epa.gov>
Cc: Huser, Jennifer <Huser.Jennifer@epa.gov>
Subject: RE: LA RH CALPUFF TSD

I'm done reviewing the CALPUFF and CAMx TSDs. I only had minor edits beyond Lucinda and Adaobi, and I filled in a couple of placeholder footnotes. Nice job. Let me know if you need me to look at anything specific tomorrow. Thanks!

Carrie K. Thomas
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From: Feldman, Michael
Sent: Monday, April 10, 2017 3:33 PM
To: Watson, Lucinda <Watson.Lucinda@epa.gov>; Feldman, Michael <Feldman.Michael@epa.gov>; Snyder, Erik <snyder.erik@epa.gov>; Thomas, Carrie <Thomas.Carrie@epa.gov>; Nwankwo, Adaobi <Nwankwo.Adaobi@epa.gov>
Cc: Huser, Jennifer <Huser.Jennifer@epa.gov>
Subject: RE: LA RH CALPUFF TSD

Lucinda – I'll take a look at the write-up to see how to clarify this. The model plant analysis approach uses modeling of a representative plant to assess potential impacts of a similar facility. As a kind of short cut, EPA did some CALPUFF modeling of a wide set of sources (~2003) and developed a general rule of thumb approach based on those model results that said that if a source is further than 100 km away and had emissions less than 1000 tpy, you could assume that the impacts were less than 0.5 dv. Rather than rely on this general approach, we used modeling of an existing facility in Louisiana as representative of the anticipated impacts from the other LA sources. They are both a "model plant analysis" but our analysis is more specific to the transport and anticipated conditions in the area of the sources rather than using a more general rule of thumb.

From: Watson, Lucinda
Sent: Monday, April 10, 2017 3:23 PM
To: Feldman, Michael <Feldman.Michael@epa.gov>; Snyder, Erik <snyder.erik@epa.gov>; Thomas, Carrie <Thomas.Carrie@epa.gov>; Nwankwo, Adaobi <Nwankwo.Adaobi@epa.gov>
Cc: Huser, Jennifer <Huser.Jennifer@epa.gov>
Subject: RE: LA RH CALPUFF TSD

I ask for clarification on the model plant analysis section; otherwise, I am through.

From: Feldman, Michael
Sent: Monday, April 10, 2017 2:35 PM
To: Snyder, Erik <snyder.erik@epa.gov>; Thomas, Carrie <Thomas.Carrie@epa.gov>; Watson, Lucinda <Watson.Lucinda@epa.gov>
Cc: Huser, Jennifer <Huser.Jennifer@epa.gov>
Subject: RE: LA RH CALPUFF TSD

Please let me know when you are done with the CALPUFF TSD review so I can finalize it.

From: Feldman, Michael
Sent: Monday, April 10, 2017 1:59 PM
To: Feldman, Michael <Feldman.Michael@epa.gov>; Snyder, Erik <snyder.erik@epa.gov>; Thomas, Carrie <Thomas.Carrie@epa.gov>; Watson, Lucinda <Watson.Lucinda@epa.gov>
Cc: Huser, Jennifer <Huser.Jennifer@epa.gov>
Subject: RE: LA RH CALPUFF TSD

CAMx TSD is on sharepoint and ready for your review. I still need to finish the Nelson section and fill out the tables in the appendices.

https://usepa.sharepoint.com/sites/r6_Work/R6AirRegs/LARHEGUS/Shared%20Documents/LA_RH_EGU_Proc

From: Feldman, Michael

Sent: Wednesday, April 05, 2017 4:20 PM

To: Snyder, Erik <snyder.erik@epa.gov>; Thomas, Carrie <thomas.carrie@epa.gov>; Watson, Lucinda <watson.lucinda@epa.gov>

Cc: Huser, Jennifer <huser.jennifer@epa.gov>

Subject: LA RH CALPUFF TSD

https://usepa.sharepoint.com/sites/r6_Work/R6AirRegs/LARHEGUS/Shared%20Documents/LA_RH_EGU_Pro

The CALPUFF TSD is done and ready for review. There are a few comments for Erik to review and add a couple of details on.

For the Model plant discussion I did not completely remove the old text (it is still there in ~~strikeout~~) just in case I missed a detail or something that should be put back in. I'll clean this up once you've reviewed it. I believe it is consistent with what is in the FR with some additional details.

Let me know if there are any questions. If you have minor edits (typos, punctuation, etc..) please just go ahead and accept that change.

Lucinda – I don't know if you want Barbara and/or Adaobi to continue to be the reviewers or if you want Carrie to handle it.

Thanks,

Michael Feldman, PhD

Environmental Engineer
Air Planning Section

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